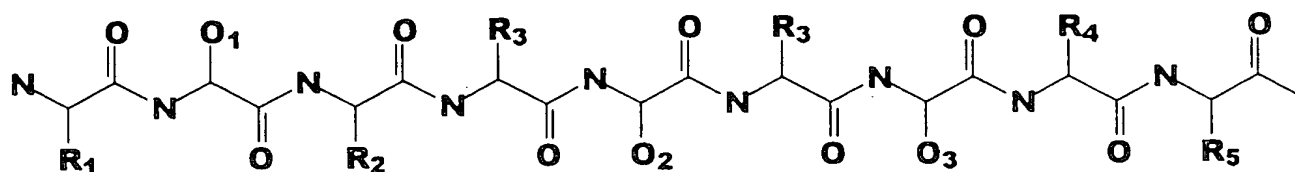


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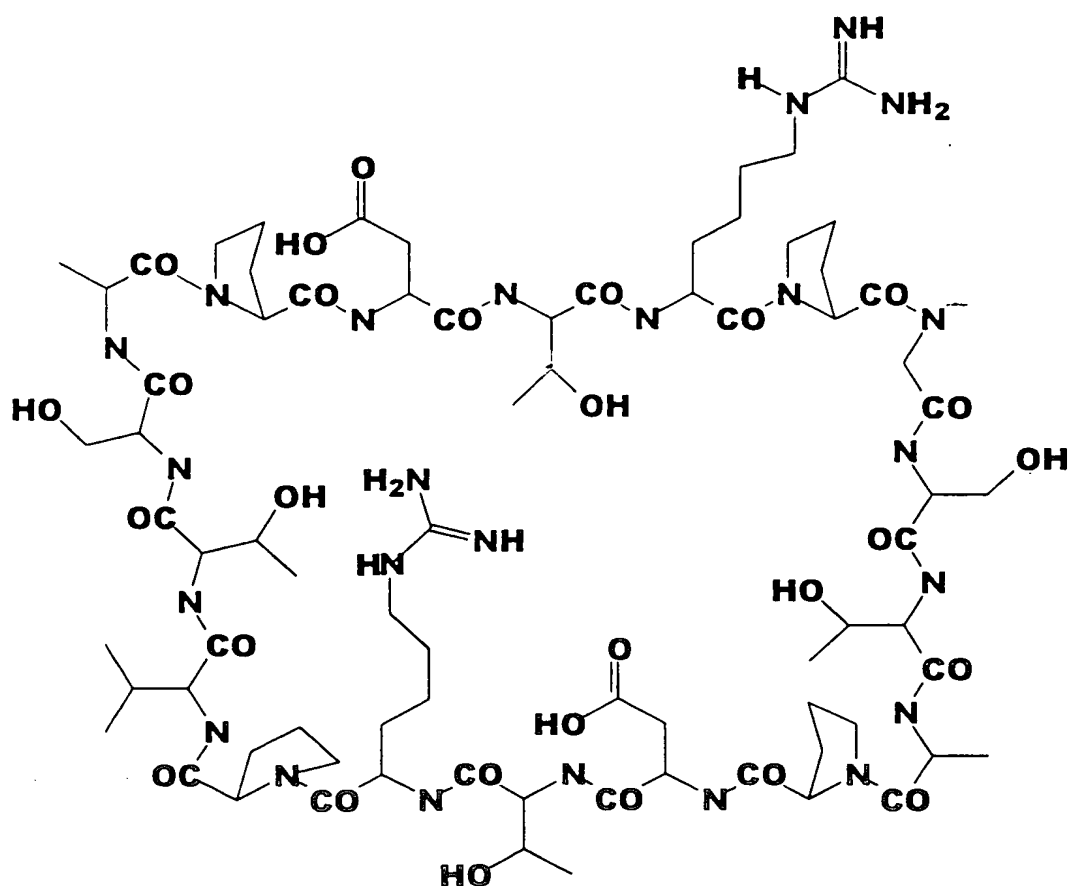
Combinatorial glycopeptides

O₁, O₂, O₃ = Glycosylation sites

R₁ to R₅ = Side chains that create site specificity

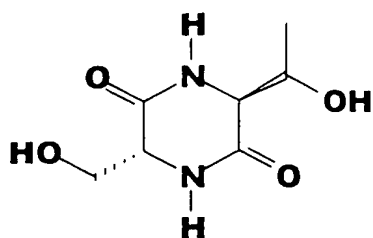
Figure 1

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A CYCLIC MUC1 PEPTIDE

Figure 2

CCCCCCCCCCCCCCCC1C(=O)N(C(=O)N1C(=O)O)C(=O)O

Figur 3

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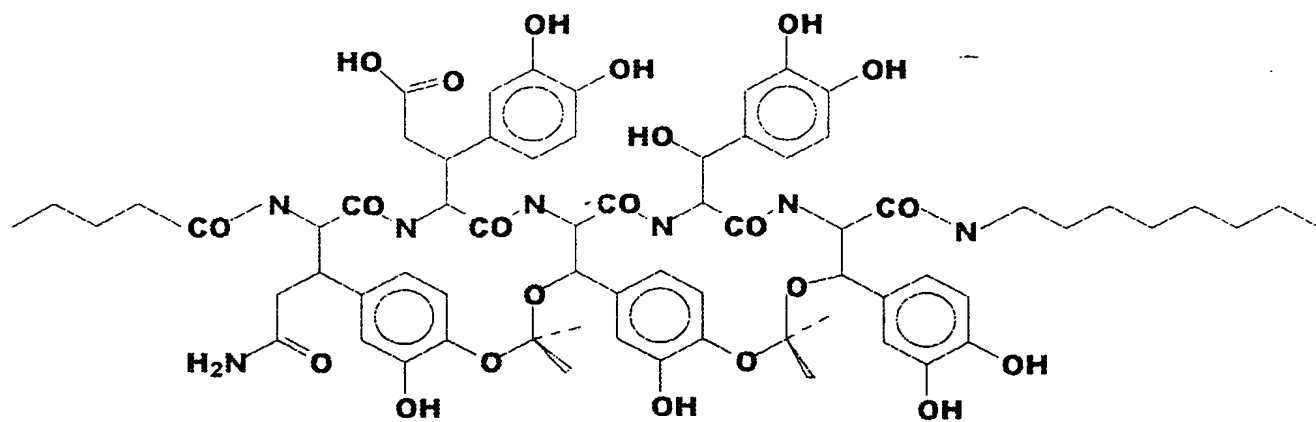


Figure 4

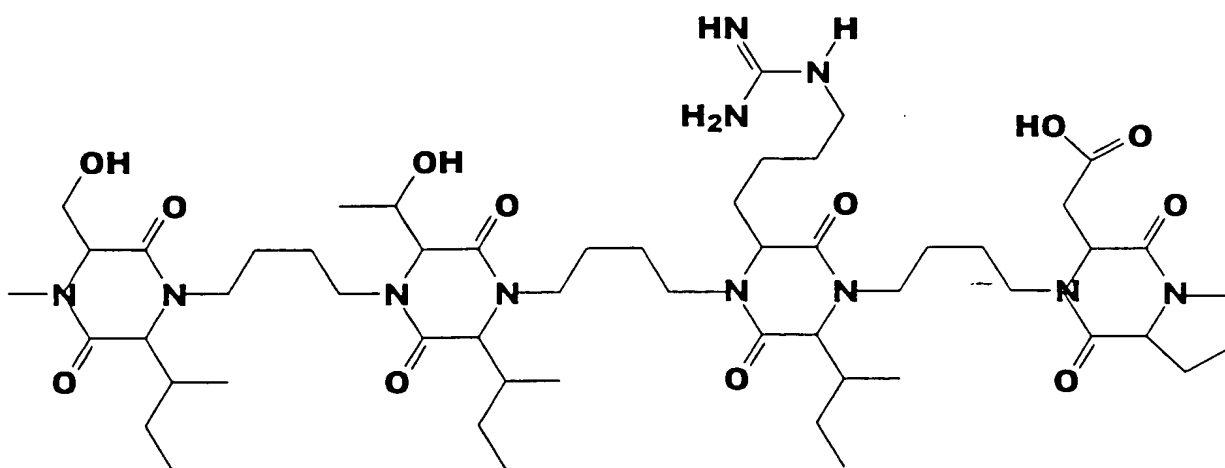
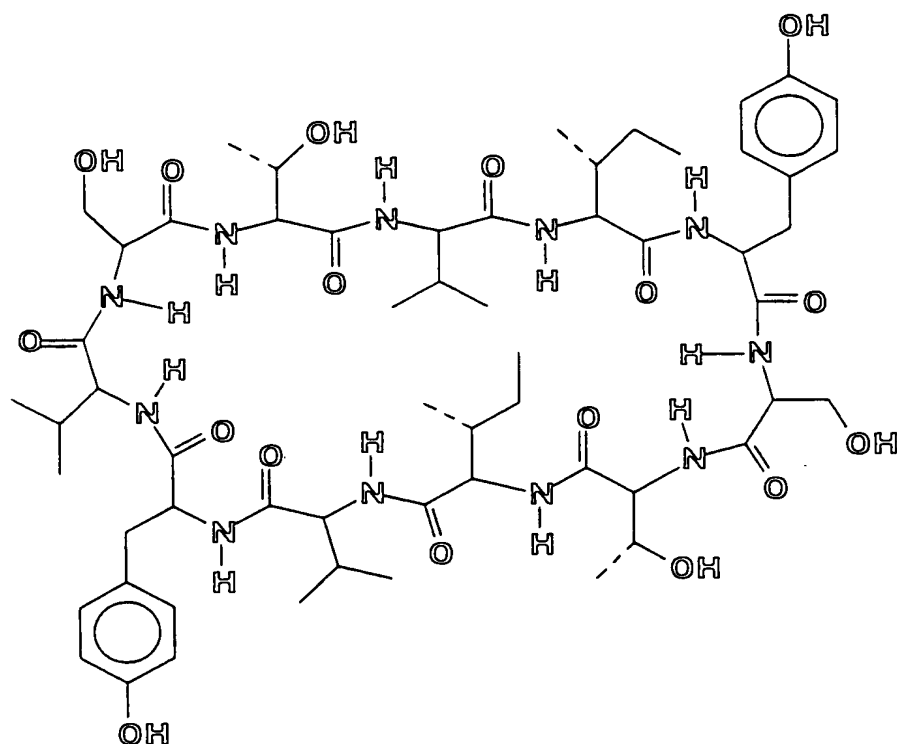


Figure 5



AN EXAMPLE OF A CYCLIC PEPTIDE FOR RANDOM
GLYCOSYLATIONS SOLUBILITY OF SUCH PEPTIDES
MAY BE ENHANCED BY HYDROPHOBIC GROUPS

Figure 6

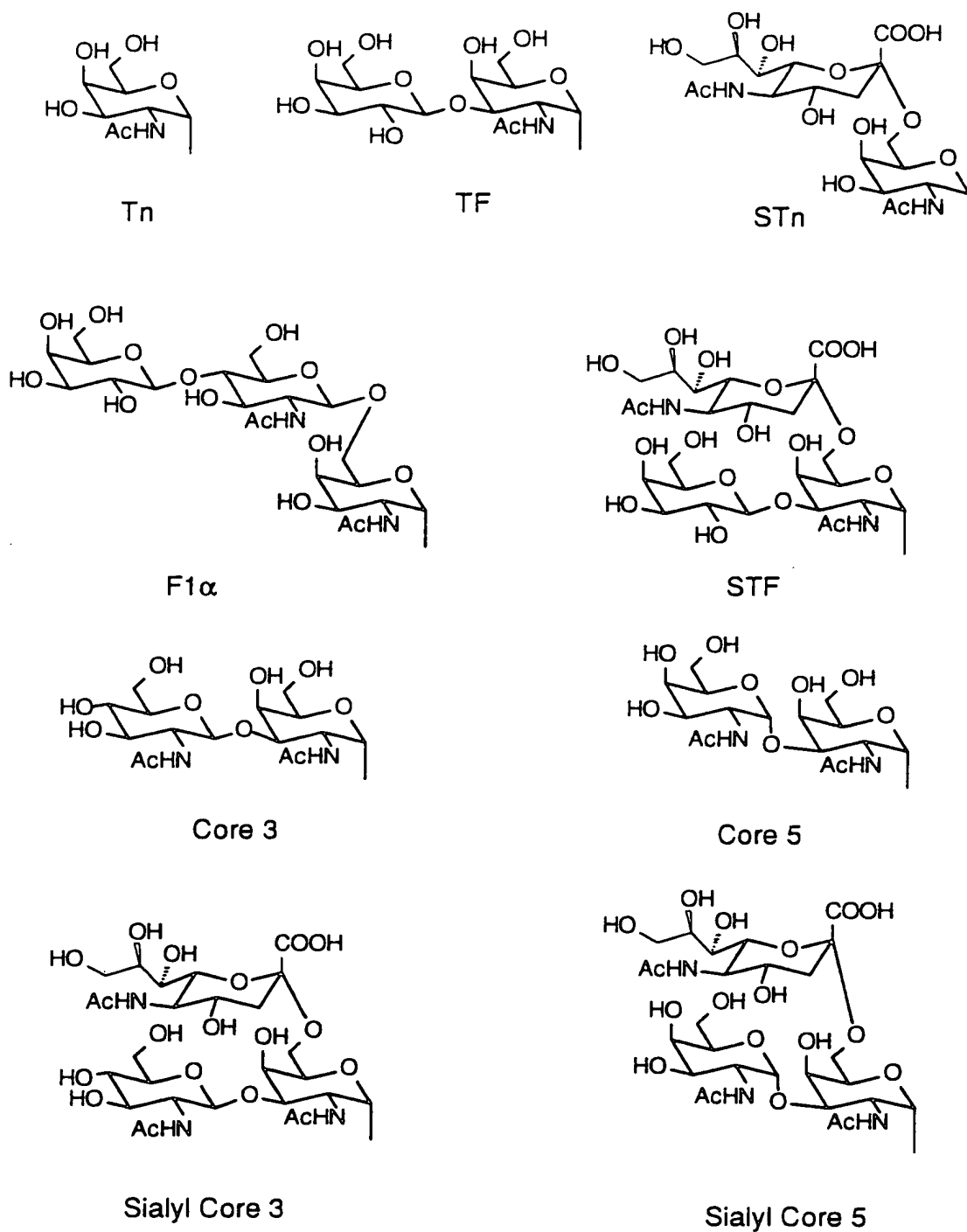


Figure 7. Carbohydrate structures found on cancer mucins

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Functional Demonstration of Glycopeptide Library With Well Characterized Monoclonal Antibodies

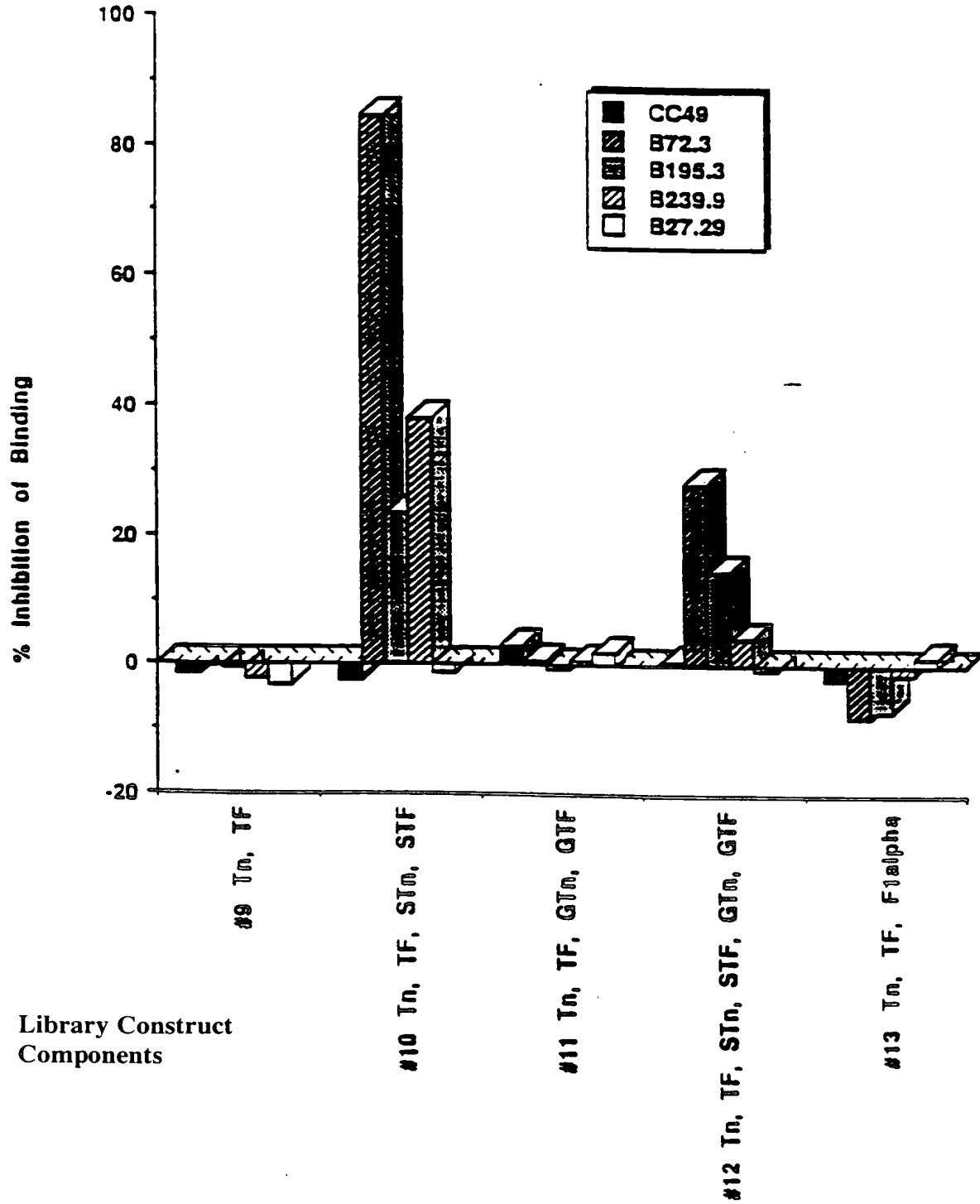


Figure 8